

Manhole Inspection Summary

Manhole # S43GG_033MH

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **43GG** Node: **033** Status: **Found**

Insp Date: **9/2/09 11:24 AM**

Incomplete Comments

Excessive Roots Prevent A Clear View Of Channel Configuration

Crew: **ADS2**
Inspector: **ADS1**
Firm: **ADS**

Location Address: **1334 BOND ST**

Cross Street: **HOFFMAN ST**

Manhole Type: **Terminal**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **UNABLE TO DETERMINE THE TYPE OF MH DUE TO THE HEAVY ROOT PRESENCE INSIDE. ACCORDING TO THE MAP IT SHOULD BE A JUNCTION TYPE BUT PREVIOUS INSPECTIONS RULED OUT THE POSSIBILITY OF THE THIRD (3'O'CLOCK) PIPES' EXISTENCE.**

Cover

Shape: **Circular**

Diameter: **25.** (in.) Length: (in.) Dist A/B Grade: **1** (in.)
75

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **2** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick and Concrete** ☐ Parged Height: **4** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☒ **Roots** ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **38** (in.) Length: (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☒ **Roots** ☐ Wall

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☒ **Debris**

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps

Count: **5** Missing: **0** ☐ Corroded

Surcharge

☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View



Top View



Top View



Defect 2



ROOTS INFILTRATION IN BARREL

Defect 1



ROOTS IN BARREL

Defect 4



ROOTS AND DEBRIS

Defect 3



FRAME OFFSET

Defect 5



CHANNEL FULL WITH DIRT AN ROOTS

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



DEBRIS AND ROOTS IN CHANNEL

Pipe Height: (in.) Direct

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.38** (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **0** (in.) Deposits Extent: **Heavy**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection